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**MAIL STOP: Amendment on June 3, 2008.**

TOWNSEND and TOWNSEND and CREW LLP

By:   
Cindy Bennett

PATENT  
Attorney Docket No.: 016301-047800US  
Client Ref. No.: AMAT No.  
007188/DISPLAY/AKT/BG

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Sheng Sun et al.

Application No.: 10/817,611

Filed: April 2, 2004

For: METHOD AND SYSTEM FOR CONTROL  
OF PROCESSING CONDITIONS IN  
PLASMA PROCESSING SYSTEMS

Customer No.: 57385

Confirmation No. 2449

Examiner: Bashore, Alain L.

Technology Center/Art Unit: 1792

**AMENDMENT**

**MAIL STOP: AMENDMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed January 3, 2008 (the "Office Action"),  
please enter the following amendments and remarks:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Amendments to the Drawings** begin on page 8 of this paper and include an attached replacement sheet.

**Remarks** begin on page 9 of this paper.

An **Appendix** including amended drawing figures is attached following page 12 of this paper.